

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"2003188401"	US-PGPUB; USPAT	AND	ON	2009/12/15 15:12
L2	1	"20030188401"	US-PGPUB; USPAT	AND	ON	2009/12/15 15:12
S1	1	10/807103.app.	US-PGPUB; USPAT	AND	ON	2009/12/04 16:22
S2	2	((("6180870") or ("5021100"))).PN.	USPAT; USOCR	OR	OFF	2009/12/04 16:25
S3	1	"20070232028"	US-PGPUB; USPAT	AND	ON	2009/12/06 14:45
S4	1	"20070151599"	US-PGPUB; USPAT	AND	ON	2009/12/06 14:50
S5	24	(cousins near3 peter).in.	US-PGPUB; USPAT	AND	ON	2009/12/06 14:53
S6	10	S5 @py<"2007"	US-PGPUB; USPAT	AND	ON	2009/12/06 14:53
S7	156	tandem (solar or photovoltaic or photoelectric or optoelectronic) zno (var\$5 with (conduct\$6 or concentration))	US-PGPUB; USPAT	AND	ON	2009/12/06 16:21
S8	86	S7 @ay<"2003"	US-PGPUB; USPAT	AND	ON	2009/12/06 16:21
S9	4	tandem (solar or photovoltaic or photoelectric or optoelectronic) (zno same (var\$5 with (conduct\$6 or concentration)))	US-PGPUB; USPAT	AND	ON	2009/12/06 16:23
S10	13	"859687"	US-PGPUB; USPAT	AND	ON	2009/12/06 16:27
S11	48	(tandem or stacked)(solar or photovoltaic or photoelectric or optoelectronic) (zno SAME ((grad\$3 or var\$5) with (conduct\$6 or concentration)))	US-PGPUB; USPAT	AND	ON	2009/12/06 16:41

S12	23	S11 @ay< "2004"	US-PGPUB; USPAT	AND	ON	2009/12/06 16:41
S13	28	(tandem or stacked)(solar or photovoltaic or photoelectric or optoelectronic) (((transparent adj conductive adj oxid) or TCO) same grad\$5)	US-PGPUB; USPAT	AND	ON	2009/12/06 17:03
S14	904	(tandem or stacked)(solar or photovoltaic or photoelectric or optoelectronic) (recombination with layer)	US-PGPUB; USPAT	AND	ON	2009/12/06 17:31
S15	432	S14 @ay< "2004"	US-PGPUB; USPAT	AND	ON	2009/12/06 17:31
S16	126	S15 zinc same indium	US-PGPUB; USPAT	AND	ON	2009/12/06 17:31
S17	661	tandem (solar or photovoltaic or photoelectric or optoelectronic) window buffer p n	US-PGPUB; USPAT	AND	ON	2009/12/06 17:57
S18	347	S17 @ay< "2004"	US-PGPUB; USPAT	AND	ON	2009/12/06 17:58
S19	0	tandem (solar or photovoltaic or photoelectric) (window same buffer same intermedi\$6) p n	US-PGPUB; USPAT	AND	ON	2009/12/06 18:07
S20	40	tandem (solar or photovoltaic or photoelectric) (recombination same window) p n	US-PGPUB; USPAT	AND	ON	2009/12/06 18:07
S21	32	S20 @ay< "2004"	US-PGPUB; USPAT	AND	ON	2009/12/06 18:08
S22	1	("7189917").PN.	USPAT; USOCR	OR	OFF	2009/12/06 18:48
S23	0	("tandem(photovoltaicorsolar) (lateralwithcharge)").PN.	USPAT; USOCR	OR	OFF	2009/12/06 19:33
S24	7	tandem (photovoltaic or solar) (lateral with charge)	US-PGPUB; USPAT	AND	ON	2009/12/06 19:33
S25	1	"20030136422"	US-PGPUB; USPAT	AND	ON	2009/12/06 19:40
S26	1	"20030136442"	US-PGPUB; USPAT	AND	ON	2009/12/06 19:41
S27	1	("4773944").PN.	USPAT; USOCR	OR	OFF	2009/12/06 20:21
S28	1	("6383898").PN.	USPAT; USOCR	OR	OFF	2009/12/06 20:26

S29	0	("recombinationsametco").PN.	USPAT; USOCR	OR	OFF	2009/12/06 20:29
S30	35	recombination same too	US- PGPUB; USPAT	AND	ON	2009/12/06 20:30
S31	1	"20060112983"	US- PGPUB; USPAT	AND	ON	2009/12/06 20:38
S32	327	tandem recombination "136".das.	US- PGPUB; USPAT	AND	ON	2009/12/06 20:42
S33	201	S32 @ay< "2004"	US- PGPUB; USPAT	AND	ON	2009/12/06 20:42
S34	1	("5055141").PN.	USPAT; USOCR	OR	OFF	2009/12/06 20:45
S35	0	S33 too same recombination	US- PGPUB; USPAT	AND	ON	2009/12/06 20:47
S36	0	S33 oxide same recombination	US- PGPUB; USPAT	AND	ON	2009/12/06 20:47
S37	24	S33 ((oxide or too) same recombination)	US- PGPUB; USPAT	AND	ON	2009/12/06 20:47
S38	68	zno with tunnel	US- PGPUB; USPAT	AND	ON	2009/12/06 20:59
S39	1	S38 tandem	US- PGPUB; USPAT	AND	ON	2009/12/06 20:59
S40	9	S38 stacked	US- PGPUB; USPAT	AND	ON	2009/12/06 21:02
S41	122	zno same tunnel	US- PGPUB; USPAT	AND	ON	2009/12/06 21:04
S42	24	S41 stacked	US- PGPUB; USPAT	AND	ON	2009/12/06 21:04
S43	1	("6180870").PN.	USPAT; USOCR	OR	OFF	2009/12/06 21:13
S44	1	("5021100").PN.	USPAT; USOCR	OR	OFF	2009/12/06 21:17
S45	5	S33 (zno same recombination)	US- PGPUB; USPAT	AND	ON	2009/12/06 21:21
S46	1029	perylene same (charge with transport)	US- PGPUB; USPAT	AND	ON	2009/12/06 21:29

S47	11	S46 "136". clas.	US- PGPUB; USPAT	AND	ON	2009/12/06 21:30
S48	1	("4960324").PN.	USPAT; USOCR	OR	OFF	2009/12/14 17:46
S49	0	(rate with deposition) same (ion adj beam) same spin same sol same cvd	US- PGPUB; USPAT	AND	ON	2009/12/14 17:48
S50	8	(rate with deposition) (ion adj beam) same spin same sol same cvd	US- PGPUB; USPAT	AND	ON	2009/12/14 17:49
S51	47	((ion adj beam) same spin same sol same cvd) zinc indium	US- PGPUB; USPAT	AND	ON	2009/12/14 17:53
S52	187	(dip adj coat\$3) same (zinc adj oxide)	US- PGPUB; USPAT	AND	ON	2009/12/14 18:02

12/ 15/ 2009 4:01:29 PM

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